

**Amendment to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended): A copper foil with a blackened ~~surface or~~ layer formed on one or both surfaces thereof ~~by being subjected to black treatment~~, said blackened ~~surface or~~ layer of said copper foil having a color difference  $\Delta L^* \leq -70$  and chroma  $C^* \leq 15$  when measured by a color difference meter represented by black,  $\Delta L^* = -100$ , and white,  $\Delta L^* = 0$ , and said blackened ~~surface or~~ layer of said copper foil having coarsened grains of  $1\mu\text{m}$  or less and surface roughness  $R_a$  of  $0.5\mu\text{m}$  or less,  $R_t$  of  $4.0\mu\text{m}$  or less, and  $R_z$  of  $3.5\mu\text{m}$  or less.

Claim 2 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 1, wherein the ~~surface subject to black treatment~~ blackened layer has a glossiness  $\leq 15$ .

Claims 3-12 (canceled).

Claim 13 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 2, wherein said blackened ~~surface or~~ layer is ~~coated with~~ an electro-plated coating of at least one of Co, Ni-Cu, Co-Cu and Ni-Co-Cu.

Claim 14 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 13, wherein said blackened layer is an Ni-Cu electro-plated coating and an Ni mass of deposit per unit area in the Ni-Cu plating is 200 to 1000mg/m<sup>2</sup>, or an Ni + Co mass of deposit per unit area of a plated surface subject to Ni or Ni-Co plating, after the Ni-Cu plating, is 250 to 1500mg/m<sup>2</sup>.

Claim 15 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 13, wherein said blackened layer is an Ni-Co-Cu electro-plated coating and Ni + Co mass of deposit per unit area in the Ni-Co-Cu plating is 130 to 1000mg/m<sup>2</sup>, or an Ni + Co mass of deposit per unit area of a plated surface subject to Ni or Ni-Co plating, after the Ni-Co-Cu plating, is 250 to 1500mg/m<sup>2</sup>.

Claim 16 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 13, wherein said blackened layer is an Co-Cu electro-plated coating and a Co mass of deposit per unit area in the Co-Cu plating is 300 to 1000mg/m<sup>2</sup>, or an Ni + Co mass of deposit per unit area of a plated surface subject to Ni or Ni-Co plating, after the Co-Cu plating, is 350 to 1500mg/m<sup>2</sup>.

Claim 17 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 13, wherein said blackened layer is a Co electro-plated coating and a Co mass of deposit per unit area in the Co plating is 1000 to 5000mg/m<sup>2</sup>, or an Ni + Co mass of deposit

per unit area of a plated surface subject to Ni or Ni-Co plating, after the Co plating, is 1050 to 2000mg/m<sup>2</sup>.

Claim 18 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 13, wherein the copper foil is an electrolytic copper foil or a rolled copper foil of a thickness of 8 to 18μm.

Claim 19 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 18, further comprising a rust prevention layer on said blackened ~~surface or~~ layer.

Claim 20 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 19, wherein said rust prevention layer is of at least one of Cr, Zn, Zn-Ni, and Zn-Ni-P.

Claim 21 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 20, wherein said copper foil is a plasma display copper foil.

Claim 22 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 1, wherein said blackened ~~surface or~~ layer is ~~coated with~~ an electro-plated coating of at least one of Co, Ni-Cu, Co-Cu and Ni-Co-Cu.

Claim 23 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 22, wherein said blackened layer is an Ni-Cu electro-plated coating and an Ni mass of deposit per unit area in the Ni-Cu plating is 200 to 1000mg/m<sup>2</sup>, ~~or an Ni + Co mass of deposit per unit area of a plated surface subject to Ni or Ni-Co plating, after the Ni-Cu plating, is 250 to 1500mg/m<sup>2</sup>.~~

Claim 24 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 22, wherein said blackened layer is an Ni-Co-Cu electro-plated coating and Ni + Co mass of deposit per unit area in the Ni-Co-Cu plating is 130 to 1000mg/m<sup>2</sup>, ~~or an Ni + Co mass of deposit per unit area of a plated surface subject to Ni or Ni-Co plating, after the Ni-Co-Cu plating, is 250 to 1500mg/m<sup>2</sup>.~~

Claim 25 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 22, wherein said blackened layer is an Co-Cu electro-plated coating and a Co mass of deposit per unit area in the Co-Cu plating is 300 to 1000mg/m<sup>2</sup>, ~~or an Ni + Co mass of deposit per unit area of a plated surface subject to Ni or Ni-Co plating, after the Co-Cu plating, is 350 to 1500mg/m<sup>2</sup>.~~

Claim 26 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 22, wherein said blackened layer is a Co electro-plated coating and a Co mass of deposit per unit area in the Co plating is 1000 to 5000mg/m<sup>2</sup>, ~~or an Ni + Co mass of deposit~~

per unit area of a plated surface subject to Ni or Ni-Co plating, after the Co plating, is 1050 to 2000mg/m<sup>2</sup>.

Claim 27 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 1, wherein the copper foil is an electrolytic copper foil or a rolled copper foil of a thickness of 8 to 18μm.

Claim 28 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 1, further comprising a rust prevention layer on said blackened ~~surface or~~ layer.

Claim 29 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 28, wherein said rust prevention layer is of at least one of Cr, Zn, Zn-Ni, and Zn-Ni-P.

Claim 30 (currently amended): A copper foil with [a] blackened ~~surface or~~ layer according to claim 1, wherein said copper foil is a plasma display copper foil.

Claim 31 (new): A copper foil with blackened layer according to claim 1, wherein said blackened layer is an Ni-Cu electro-plated coating that is coated with a layer of a Ni or Ni-Co electro-plated coating, and wherein an Ni + Co mass of deposit per unit area of a surface subject to the Ni or Ni-Co plating, after the Ni-Cu plating, is 250 to 1500mg/m<sup>2</sup>.

Claim 32 (new): A copper foil with blackened layer according to claim 1, wherein said blackened layer is an Ni-Co-Cu electro-plated coating that is coated with a layer of a Ni or Ni-Co electro-plated coating, and wherein an Ni + Co mass of deposit per unit area of a plated surface subject to the Ni or Ni-Co plating, after the Ni-Co-Cu plating, is 250 to 1500mg/m<sup>2</sup>.

Claim 33 (new): A copper foil with blackened layer according to claim 1, wherein said blackened layer is a Co-Cu electro-plated coating that is coated with a layer of a Ni or Ni-Co electro-plated coating, and wherein an Ni + Co mass of deposit per unit area of a plated surface subject to the Ni or Ni-Co plating, after the Co-Cu plating, is 350 to 1500mg/m<sup>2</sup>.

Claim 34 (new): A copper foil with blackened layer according to claim 1, wherein said blackened layer is a Co electro-plated coating that is coated with a layer of a Ni or Ni-Co electro-plated coating, and wherein an Ni + Co mass of deposit per unit area of a plated surface subject to Ni or Ni-Co plating, after the Co plating, is 1050 to 2000mg/m<sup>2</sup>.